

# The Gazette of India



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### PART III—SECTION 2

#### Notifications and Notices issued by the Patent Office relating to Patents and Designs

##### THE PATENT OFFICE Patents and Designs

Calcutta, the 20th August 1960

##### Applications for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

4th August 1960

72869. Council of Scientific and Industrial Research. Purification of cottonseed soapstock to obtain light-coloured distilled fatty acids.

72870. K. R. Sivramkrishna. An improved foldable two wheeled motor vehicle and the like.

72871. Deutsche Akademie Der Wissenschaften Zu Berlin. Method of and device for continuous production of glass fibre-reinforced solid and hollow artificial resin profiles.

72872. J. R. Geigy A.-G. New insecticidally and bactericidally active diphenyl urea derivatives and their use for combatting injurious insects as well as for disinfectant purposes.

72873. The Goodyear Tire & Rubber Company. Improvements in method of and apparatus for building tires.

72874. Ciba Limited. Manufacture of ethers.

72875. Ciba Limited. Manufacture of ethers.

72876. Ciba Limited. Process for the manufacture of new ethers.

72877. K. Abildgaard trading as Lovens Kemiske Fabrik Ved A. Kongsted. Method for the production of new penicillins. (5th August 1959).

72878. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of N-substituted  $\beta$ -hydroxy-propionyl amides and their esters with strong oxygen-containing acids.

72879. Ciba Limited. Manufacture of ethers.

72880. Dr. K. Diebner. A process and apparatus thereof for determining the liquid contents in containers.

72881. Siemens-Schuckertwerke Aktiengesellschaft. Methods of operating grid controlled current converters. [Addition to No. 69510].

5th August 1960

72882. The Wellcome Foundation Limited. Organic chemical compounds and method. (20th November 1959). [Addition to No. 72831].

72883. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Dyes of the tetrazaporphin series and their production.

72884. Dr. Amulya Kumar Bose. Improved medicinal preparation.

72885. R. Fritzmeier. Dust protectors for harvesting machines, particularly of mow-thrashers.

6th August 1960

72886. Paresh Nath Sarker. Operational fuel quality control in high temperature furnace.

72887. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the purification of thermosetting resin mixtures.

72888. S. C. S. Dighe. A rotary internal combustion engine.

72889. PECHINEY Compagnie de Produits Chimiques et Electro-metallurgiques. Equipment for the vaporization of solid substances.

72890. American Viscose Corporation. Food compositions incorporating cellulose crystallite aggregates.

72891. Research Corporation. Method of controlling plant growth.

72892. Lepetit S.p.A. New antibiotic. (7th August 1959).

72893. Molins Machine Company Limited. Improvements in or relating to tobacco-manipulating machines. (10th August 1959).

72894. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of expanded fine-pored and lightweight bands from thermoplastic synthetic resins.

72895. Mineralimpex Magyar Olaj Es Banyatermek Kulkereskedelmi Vallalat. Process for the alkaline scouring of cellulosic fibres (cotton, bast fibres, etc.) and of fabrics made of them.

72896. R. R. Pardasani. Improvement in or relating to reciprocating mechanism.

8th August 1960

72897. Dr. Ramkanta Bhattacharya. Improvement in or relating to the manufacture of better grades of lac.

72898. United States Atomic Energy Commission. Method of joining carbides to base metal.

72899. United States Atomic Energy Commission. Method of resisting radiation damage to organic fluids and compositions therefor.

72900. AMP Incorporated. Improvements in and relating to data-storage units or shift registers.

72901. Stamicarbon N.V. Prilling device.

72902. May & Baker Limited. Pharmaceutical compositions containing pyrrolidine derivatives. (24th March 1958). [Divisional date 23rd March 1959].

72903. May & Baker Limited. Process for the production of pyrrolidine derivatives. [Divisional date 23rd March 1959].

72904. Automatic Telephone & Electric Company Limited. Improvements in or relating to telephone systems. (18th August 1959).

72905. Automatic Telephone & Electric Company Limited. Improvements in or relating to the mounting of electrical devices. (14th August 1959).

72906. General Electric Company. Improvements in or relating to intermediate pressure wall stabilized gas lamp.

72907. Cormac Chemical Corporation. Photographic monobath compositions. (28th August 1959).

72908. Phillips Petroleum Company. Polybutadiene rubber blends.

72909. Continental Carbon Company. A process for the manufacture of carbon black.

72910. General Electric Company. Improvements in or relating to metal vapor lamps.

72911. Boots Pure Drug Company Limited. New acetanilide derivatives. (4th June 1958). [Divisional date 5th May 1959].

72912. B. Martins. Gear assembly.

72913. D. Morgenstern. Improvements in or relating to fibrous sheet material.

72914. Ciba Limited. Process for the manufacture of 16-alkyl-20:21-ketols of the pregnane series.

72915. Ciba Limited. Manufacture of ethers. [Divisional date 19th October 1959].

72916. Business Efficiency Corporation. Improvements in or relating to filing systems and appliances therefor.

9th August 1960

72917. J. R. Darukhanawalla. Air compressor water pump.

72918. S. Smith & Sons (England) Limited. Improvements in or relating to electrical relays. (14th August 1959).

72919. The British Oxygen Company Limited. Electric arc welding. (14th August 1959).

72920. The Raleigh Cycle Co. Limited. Jointing of metallic elements. (19th August 1959).

72921. AMP Incorporated. Improvements in and relating to explosively-operated devices.

72922. Rayonier Incorporated. Light and heat stable cellulose and process.

72923. E. I. Valyi. Improvements in or relating to apparatus for making hollow objects of organic plastic material.

72924. Imperial Chemical Industries Limited. New dyestuffs. (24th August 1959).

72925. Saxby & Farmer (India) Private Limited and H. F. Dennison. Improvements in double wire signalling apparatus. (14th August 1959).

72926. J. Stone & Company (Deptford) Limited. Improvements relating to pantograph current collectors.

72927. J. Stone & Company (Deptford) Limited. Improvements relating to pantograph current collectors. (18th August 1959).

72928. J. Stone & Company (Deptford) Limited. Improvements relating to pantograph current collectors. (18th August 1959).

72929. Ciba Limited. Improvements relating to the production of diene adducts.

72930. Ciba Limited. Herbicidal preparations.

72931. Ciba Limited. Manufacture of new heptapeptides.

72932. Ciba Limited. Process for the manufacture of 18-substituted steroids.

72933. Ciba Limited. Manufacture of ethers. [Divisional date 19th October 1959].

72934. Ciba Limited. Manufacture of ethers. [Divisional date 30th November 1959].

72935. Ciba Limited. Manufacture of ethers. [Divisional date 19th October 1959].

72936. Ciba Limited. Manufacture of ethers. [Divisional date 30th November 1959].

72937. American Radiator & Standard Sanitary Corporation. Improvements in or relating to a batch process of edge plating aluminium ribbon with material that is readily soldered to other materials.

72938. Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Gas-discharge device especially low pressure mercury vapour discharge lamp. (24th November 1959).

72939. Ciba Limited. Process for the manufacture of dioxazine dyestuffs.

72940. Ciba Limited. Process for the manufacture of 19-norsteroids.

72941. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Disubstituted carboxylic acid hydrazides and process for the manufacture thereof.

10th August 1960

72942. Commissariat A L'Energie Atomique and Houilleres Du Bassin Du Nord Et Du Pas-De Calais. Process for the saturation by direct contact of gaseous phase by the vapour of a liquid charged with a non-volatile adjuvant.

72943. Minnesota Mining and Manufacturing Company. High dielectric strength insulating composition.

72944. Domec. Improved building process and plant for carrying out the same. (14th August 1959).

72945. Holo-Flite International Incorporated. Pulley with torque tube. (30th September 1959).

72946. Standard Telephones and Cables Limited. Improvements in the processing of insulated electric conductor. (19th November 1959).

72947. American Steel Foundries. Snubbed bolster truck.

72948. Sterling Foundry Specialities Limited. Improvements in and relating to foundry moulding boxes. (3rd December 1959).

72949. Hercules Powder Company. Improvements in or relating to filament wound hollow vessel and method of making same. (11th August 1959).

#### Alteration of Date

66682. The claim to priority date 30th May 1958 has been disallowed and the application dated as of 9th February 1959, the date of filing in India.

66713. The claim to priority date 14th February 1958 has been disallowed and the application dated as of 11th February 1959, the date of filing in India.

66808. The claim to priority date 27th February 1958 has been disallowed and the application dated as of 21st February 1959, the date of filing in India.

66993. The claim to priority date 24th March 1958 has been abandoned and the application dated as of 10th March 1959, the date of filing in India.

67826. The claim to priority date 7th July 1958 has been disallowed and the application dated as of 27th May 1959, the date of filing in India.

71731. Ante-dated to 13th November 1958 under Section 5 of the Act.

72478. Ante-dated to 4th November 1958 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

65731. Glaxo Laboratories Limited. Vaccine. Accepted on 4th August 1960.

*Culturing to a culture medium a toxigenic strain of clostridium welchii, type D, separating baceteria from the medium, toxoiding the toxin, activating the toxoid and precipitating activated toxoid from the medium.*

65778. Council of Scientific and Industrial Research. Improvements in or relating to the production of transdiethylstilbestrol dimethyl ether and allied stilbenes. Accepted on 9th August 1960.  
*Heating  $\alpha$ -ethyl-deoxyanisoin with phosphorous oxychloride without any solvent in a bath between 50—95°.*

66135. Chas. Pfizer & Co., Inc. Therapeutic products and preparation thereof. Accepted on 6th August 1960.  
*Comprising N-hydrocarbon-substituted benzhydrazide and a carrier.*

66608. Invent A.G. Fur Forschung Und Patentverwertung. Process for preventing corrosion in a stainless steel apparatus in the preparation of urea. Accepted on 3rd August 1960.  
*Reacting ammonia and CO<sub>2</sub> at 150—300°C in presence of sulphur compounds and 0.1% by volume of oxygen.*

66642. Sandoz Ltd. Improvements in or relating to pyrimidine dyestuffs. (27th November 1958). Accepted on 4th August 1960.  
*By reacting water soluble organic dyestuffs containing at least one exchangeable hydrogen atom in the molecule with 2,4,6-trihalogenopyrimidine in such a manner that the reaction product contains at least one dihalogenated pyrimidine ring.*

66654. R. C. Sabins. Control system for preventing corrosion of a metallic structure. Accepted on 5th August 1960.  
*Electrolytic control system for preventing galvanic dissolution of cathodic material and employing an anode which is relatively inexpensive, but uses an expensive substance, like platinum.*

66682. Imperial Chemical Industries Limited. Process for the polymerisation of olefines. Accepted on 5th August 1960.  
*Olefine is brought into contact with a catalyst comprising the product obtained by mixing a material containing titanium, aluminium and chlorine with an organo-metallic compound of aluminium.*

66706. Monsanto Chemicals Limited. Rubber antiozonants. (17th February 1958). [Addition to No. 66705]. Accepted on 10th August 1960.  
*By the reductive alkylation of the appropriate amine in the presence of methyl ethyl ketone or methyl n-propyl ketone.*

66713. Societe Genevoise D'Instruments De Physique. Improvements in and relating to a machine-tool. Accepted on 10th August 1960.  
*Provided with the means for the micrometric adjustment of the position of a movable member and a series of collapsible and adjustable stops formed in a drum.*

66752. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning.  $\beta$ -hydroxy-butyric acid cyclohexylamide, a process for preparing it and a composition containing the same. Accepted on 9th August 1960.  
*Reducing acetoacetic acid cyclohexylamide.*

66808. Svenska Rotor Maskiner Aktiebolag. Rotary device, particularly an expander provided with male and female rotors. Accepted on 9th August 1960.  
*Having variable inlet opening for controlling built-impressure ratio of rotary device or expander.*

66826. Allis-Chalmers Manufacturing Company. Improved vibratory screening apparatus. Accepted on 9th August 1960.  
*Comprises a vibratory frame wherein each frame side member or a rack carried thereby has a plurality of recesses to receive rod ends permitting their rotary and sliding movements.*

66882. The Standardised Disinfectants Company Limited. Improvements in or relating to pesticidal preparations. Accepted on 9th August 1960.  
*Comprises fine solid particles of at least one pesticidal material dispersed in a heavy oil.*

66906. Chas. Pfizer & Co., Inc. Preparation of steroids containing an aldehyde group in 21-position and steroids so prepared. Accepted on 6th August 1960.  
*A steroid compound having an -OH group in 21-position is oxidized with a copper compound e.g. cupric acetate.*

66910. Imperial Chemical Industries Limited. Mixing apparatus. Accepted on 9th August 1960.  
*Comprises a stationary container having an orifice at the bottom through which a fluid under pressure may be projected in a substantially vertical direction.*

66941. Deep Dye Processes A.G. Printing and dyeing of pile material. Accepted on 8th August 1960.  
*A support having thin upstanding walls with free edges and formed of flexible resilient material, the walls bounding one or more receptacles and also including means for supplying a controlled quantity of colouring agent.*

66992. E. I. Du Pont De Nemours and Company. Improvements in the production of sodium carboxymethyl cellulose. (13th December 1958). Accepted on 5th August 1960.  
*Reacting cellulose with compound in aqueous medium, extruding resulting mixture, shredding agitating the product.*

66993. Imperial Chemical Industries Limited. Stabilised hydrocarbon polymer compositions. Accepted on 6th August 1960.  
*Containing bis (ortho (1, 1, 3, 3-tetramethyl butyl) phenol) sulphide as antioxidant.*

67054. The Wellcome Foundation Limited. Quinoline derivatives and the manufacture thereof. (17th March 1958). Accepted on 9th August 1960.  
*Hydrolysis of corresponding alkoxy compounds.*

67081. Vauxhall Motors Limited. Improvements relating to trucks having a forward-control cab. Accepted on 10th August 1960.  
*At least the greater part of the engine is behind the front axle and is accommodated in a casing which extends from the back of the cab.*

67163. E. I. du Pont de Nemours and Company. Coating compositions. Accepted on 6th August 1960.  
*Comprising polymer of methyl methacrylate of 55,000—105,000 mol. weight and volatile solvent therefor.*

67164. E. I. du Pont de Nemours and Company. Coating compositions. Accepted on 6th August 1960.  
*Comprising polymer of methyl methacrylate volatile solvent therefor and 0.1—10% by weight of cellulose ester alongwith plasticizer and pigment.*

67165. E. I. du Pont de Nemours and Company. Coating compositions and articles coated therewith. Accepted on 6th August 1960.  
*Comprising polymer of methyl methacrylate solvent therefor and 1—50% of organophilic onium cation modified clay.*

67166. E. I. du Pont de Nemours and Company. Coating compositions. Accepted on 6th August 1960.  
*Comprising polymer of methyl methacrylate of 1.117—1.196 viscosity-solvent therefor.*

67167. E. I. du Pont de Nemours and Company. Coating compositions and articles coated therewith. Accepted on 6th August 1960.  
*Comprising polymer of methyl methacrylate of 1.117—1.196 viscosity, cellulose acetate butyrate of 0.1-2.0 seconds viscosity and solvent therefor.*

67169. I. Hütte. Method and apparatus for floating minerals and other materials. Accepted on 4th August 1960.  
*Slurry is subjected to the influence of an electric potential gradient between two electrodes and that predetermined ions interfere with the flotation process.*

67240. Ciba Limited. Process for the manufacture of new aza-compounds. Accepted on 9th August 1960.  
*Subjecting to ring closure an amino pyridine which contains in ortho position to the amino group an amino-alkyl amino group.*

67282. Standfast Dyers & Printers Limited. Improvements relating to the dyeing of cellulosic material with vat dyestuffs. (8th April 1958). Accepted on 9th August 1960.  
*Impregnating the material with suspension of acid leuco vat dyestuff and then treating the material with an alkaline liquor.*

67302. Courtaulds Limited. Improvements in and relating to the production of N-carboxy-alpha-amino acid anhydrides. (11th April 1958). Accepted on 8th August 1960.  
*Reacting phosgene with an amino acid wherein the average particle size of the amino acid is not greater than 5 microns.*

67333. The Wellcome Foundation Limited. Improvements in and relating to pharmaceutical preparations of quarternary ammonium compounds and the preparation thereof. (18th April 1958). Accepted on 6th August 1960.  
*Comprising an N-benzyl-N-2-hydroxyethyl-N:N-dimethylammonium salt and a neutral excipient.*

67334. The Wellcome Foundation Limited. Pyrimidine derivatives and the manufacture thereof. (18th April 1958). Accepted on 9th August 1960.  
*Treating 4-amino-5-benzyl pyrimidine with ammonia.*

67347. Glaxo Laboratories Limited. Improvements in or relating to the preparation of steroid derivatives. (18th April 1958). Accepted on 9th August 1960.  
*Reacting a solution of a 21-phosphate primary or secondary ester of a pregnane or allopregnane compound with an organic base of the type N:N'-dialkyl or diaryl or diaralkyl ethylene diamine compounds.*

67403. Chas. Pfizer & Co., Inc. 3, 6-disubstituted-7-sulfamyl-3, 4-dihydrobenzothia-diazine dioxides and process for preparation. Accepted on 3rd August 1960.  
*Heating 2:4-disulfamyl-1-alkyl amino-5-haloaniline with an aldehyde, or alkyl acetal or hemiacetal.*

67407. J. R. Geigy A.-G. Process for the production of dyestuffs. Accepted on 6th August 1960.  
*An O-diazo-benzene-sulphonic acid and an azo component are coupled to the monoazo dyestuff.*

67468. Council of Scientific and Industrial Research. Improvements in or relating to the preparation and isolation of isonicotinic and nicotinic acids from the "beta-picoline cut". Accepted on 6th August 1960.  
*Oxidising beta-picoline cut and subjecting pyridine carboxylic acids to fractional crystallisation.*

67473. Canadian Ingersoll-Rand Company, Limited. Log debarking drum. Accepted on 5th August 1960.  
*Wherein the drum member is supported solely by endless cables encircling the drum and wheels on the frame.*

67508. Ciba Limited. Metalliferous azo-dyestuffs and process for their manufacture. Accepted on 9th August 1960.  
*Reacting a metallizable metal-free mono-azo dyestuff with a complex chromium compound of mono-azo-dyestuff.*

67512. Reckitt & Sons Limited. Improvements in or relating to cartons. (29th April 1958). Accepted on 9th August 1960.  
*Lid face is provided with an extension adhesively secured to the outer face of an adjacent side and has an unbonded gripping flange.*

67519. Rattan Chand Harjasrai (Plastics) Private Limited. Process for the production of a granular urea-formaldehyde moulding product. Accepted on 6th August 1960.  
*Stirring and working the urea formaldehyde moulding powder at a high temperature in the presence of moisture to agglomerate and then drying and crushing the lumps to desired particle size.*

67546. R. S. Pillai. Machine for frying grams, peanuts and the like. Accepted on 9th August 1960.  
*A rotatable screw conveyor within a shell for conveying material together with sand, inlet and outlet openings for feeding and discharging said materials and another screw conveyor for returning sand.*

67576. Pirelli-General Cable Works Limited. Improvements in or relating to electric power cables. (23rd June 1958). Accepted on 5th August 1960.  
*Provided with means for cooling.*

67651. D. P. Saboo. Improvements in or relating to rice shellers. Accepted on 9th August 1960.  
*Composition of disc stones includes quartz, similar to chalcedony stone chips, calcined magnesite and magnesium chloride solution in water.*

67655. National Lead Company. Composite carbon-polymer compositions and process of manufacture. Accepted on 5th August 1960.  
*Formed by polymerisation of an olefinically unsaturated polymerizable hydrocarbon monomer in the presence of the carbon.*

67707. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. A process for elasticizing polymers containing vinyl chloride and compositions prepared by this process. Accepted on 9th August 1960.  
*By adding one chlorinated polyolefin obtained by chlorinating a polyolefin in the presence of water at a temperature 90°—150°C.*

67724. National Research Council. Method for activating clay. Accepted on 9th August 1960.  
*By forming an intimate mixture of clay, water and sulphuric acid and heating it to activate the clay and reduce the water content to a maximum of 10%.*

67726. Imperial Chemical Industries Limited. Crystalline materials of aluminium, titanium and chlorine and catalysts prepared therefrom, useful in polymerising olefines. (30th May 1958). Accepted on 5th August 1960.  
*By reacting titanium tetrachloride with aluminium at a temperature in the range of 100—200°C.*

67758. Ministerul Industriei Petrolului Si Chimiei. Improved method, apparatus and plant for separating the components from a gas mixture. Accepted on 4th August 1960.  
*Method and apparatus for separation of components from a gas mixture through absorbents in fixed bed at an elevated temperature in two stages, wherein the first stage comprises a process of adsorption which is followed by desorption in the second stage.*

67767. Nopco Chemical Company. Derivatives of alpha ionylidene. Accepted on 6th August 1960.  
*Reducing α-ionylidene acetonitrile with lithium hydride to produce the corresponding ethylamine.*

67770. T. L. Seaborne. Milk flow indicator for milking machines. Accepted on 9th August 1960.  
*Comprises an inlet chamber, an outlet chamber, a by-pass between the two chambers and ports leading from the two chambers to a sight glass.*

67783. Daimler-Benz Aktiengesellschaft. Improvements in vehicle sliding-door arrangements. (16th March 1959). Accepted on 9th August 1960.  
*Swingable from a sealed seating on the vehicle body into an intermediate position from which it is slideable lengthwise of the vehicle by the aid of guide means.*

67793. Aluminium Laboratories Limited. Improvements in or relating to recovery of aluminium from aluminium-containing metal. Accepted on 6th August 1960.  
*Comprises contacting aluminium containing metal with gaseous aluminium halide at elevated temperature.*

67801. E. I. du Pont de Nemours and Company. Process of forming a mass of sheet-forming particles. Accepted on 6th August 1960.  
*Comprises contacting the latex of a synthetic addition polymer with a coagulant containing from  $\frac{1}{2}$  to 20 times the minimum precipitating concentration of coagulating agent in the presence of 0.01 to 5% of protective agent in excess of that employed to stabilize the latex.*

67826. Cluett, Peabody & Co., Inc. Method and device for measuring the surface characteristics of flexible material. Accepted on 4th August 1960.  
*A light source directing a beam of light towards an image receiving means and a support over which the sheet may be dried.*

67862. A. C. Cossor Limited. Improvements in or relating to transponders for use in secondary radar systems. Accepted on 8th August 1960.  
*Comprising a receiver having its output connected to a pulse delay device adapted to derive pulses suitable for making both amplitude and time comparisons.*

67914. Carding Specialists (Canada) Limited. Improvements in or relating to pressure applying means for loading a roller. (5th June 1958). Accepted on 10th August 1960.  
*Shaft ends are movably guided and wherein pressure applying means comprise a pair of pivotal double-ended members each having one end engaging a guided ball.*

67948. Imperial Chemical Industries Limited. Treatment of polymers. (13th June 1958). Accepted on 6th August 1960.  
*Treating the polymer with a higher alcohol in the presence of a liquid hydrocarbon and hydrogen chloride or an acid chloride and then washing the polymer with a liquid hydrocarbon and separating the polymer therefrom.*

67971. Aircraft Steel Structures Limited. Starters for internal combustion engines. Accepted on 10th August 1960.  
*Comprises a differential gear one element of which is connected to the starter drive input, one to the spring and the third to the starter pinion.*

68028. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the polymerization of vinyl ethers. Accepted on 6th August 1960.  
*Polymerising vinyl ethers in the presence of a catalyst of the formula  $\text{Hal}^n \text{Me R}_m$  where  $\text{Me} = \text{Al, Ti, Sn, Va, Cr, Fe}$  and  $R$  is an organic radical.*

68038. Chas. Pfizer & Co., Inc. Process for the production of lipopolysaccharides and compositions containing the same. Accepted on 10th August 1960.  
*Aerobacter aerogenes is cultivated in a nutrient medium, the cells are removed from the medium and lipopolysaccharide is recovered from the isolated cells.*

68077. Sel-Rex Corporation. Platinum plating composition and process. Accepted on 4th August 1960.  
*Dissolving platinum diamino dinitrite in a mixture of sulphuric and phosphoric acids, adding water to the resultant solution to provide an aqueous solution containing atleast 6 g/litre of platinum metal, and then electrolysing the solution.*

68089. Symington Wayne Corporation. Rubber-friction draft gear. Accepted on 4th August 1960.  
*A friction cushioning unit in a housing formed of alternating plate means and rubber pad means, each cushioning unit, seating in one of a plurality of connected pockets in said housing having side openings at opposite sides.*

68149. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of bis-(p-hydroxyaryl)-aryl acetonitriles. (14th April 1959). Accepted on 6th August 1960.  
*1 mol of anamoyl chloride is reacted with about 2 mol of an aromatic hydroxy compound in an acidic medium.*

68226. G. Buttironi and A. Giavarini. Apparatus for storing or conveying goods. Accepted on 8th August 1960.  
*Comprising a plurality of platforms mounted on two substantially horizontal parallel tracks, means co-acting with projections on said platforms for moving said platforms along said tracks and curved guides arranged between adjacent ends of said tracks.*

68272. Westinghouse Brake & Signal Company Limited. Improvements relating to driver's brake control devices for fluid braking apparatus. (10th July 1958). Accepted on 9th August 1960.  
*A manually operable switch means interlocked with handle of the device, said means is operable only when said handle is in shut position.*

68277. Ciba Limited. New epoxy resins and their production. Accepted on 10th August 1960.  
*Subjecting dienes with at least one halogen atom and dienophilic compounds with at least two epoxide groups to Diels-Alder addition.*

68321. SKF Kugellagerfabriken Gesellschaft mit beschrankter Haftung. Improvements in or relating to top-apron-holder for textile drafting mechanism. Accepted on 9th August 1960.  
*The top-apron holder comprises a frame having a continuous supporting member extending in the longitudinal direction of the apron bar and combined with the latter to form an inseparable unit.*

68340. D. G. Swingler. Improvements relating to closures for bottles, jars and the like. Accepted on 5th August 1960.  
*Comprising a cylindrical threaded section adapted to fit the top of a bottle the upper edge of the cylindrical section being turned to form an inwardly disposed lip, the lip being stepped in such fashion that secondary smaller lip is formed raised above the level of the first lip.*

68366. Shell Internationale Research Maatschappij N. V. Process for the continuous treatment of a first liquid with a second liquid which is immiscible therewith. Accepted on 9th August 1960.  
*The liquids pass in parallel flow through a contact bed consisting of solid inert material so that the two flow downwardly when the specific gravity of treating liquid is the layer, and flow upwardly when it is less than that of the first liquid.*

68388. National Malleable and Steel Castings Company. Improvements in or relating to a car coupler. Accepted on 9th August 1960.  
*Comprising a coupler head having a front face and a side wall a knucle having a nose and a tail section in fixed relatively angular relationship, the knucle having a concave throat area contiguous with a rear surface of the nose and merging in a junction with a rearwardly extending, laterally facing surface of the tail section.*

68403. Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A. Process for carrying out telomerizing reactions. Accepted on 6th August 1960.  
*Telogen is fed into telomerisation chamber in the shape of a liquid film running at the periphery of said chamber.*

68454. Westinghouse Brake & Signal Company Limited. Improvements relating to railway vehicle fluid pressure operated braking apparatus. (28th July 1958). Accepted on 5th August 1960.  
*A plurality of members displaceable individually by pressure fluid derived from brake pipe and electrically operated means for effecting said fluid supply either singly or in selected combinations.*

68477. Ciba Limited. Process for the manufacture of new sulfonamides. (18th October 1958). Accepted on 6th August 1960.  
*Reacting benzene sulfonyl halide with heterocyclic amine.*

68556. Patentgesellschaft Plate & Co. Improvements relating to sliding clasp fasteners. Accepted on 4th August 1960.  
*Closing head disposed on engaging part is disposed perpendicularly of the plane of the fastener, the arms of the elements being perpendicularly or inclined relatively to the plane of symmetry of the fasteners.*

68570. Ciba Limited. Process for the manufacture of benzimidazole compounds. Accepted on 6th August 1960.  
*Subjecting to heat treatment a reaction mixture consisting of a phosphorus compound and an α-β-di-[benzimidyl-(2)]-monohydroxy-ethane.*

68601. The British Drug Houses Limited. A process for the preparation of 17 α-hydroxy-16-methylenepregn-4-ene-3, 20-dione and acyl derivatives derived therefrom. (11th August 1958). Accepted on 10th August 1960.  
*By reacting 16-methyl prena-4, 16 diene-3, 20-dione with alkaline hydrogen peroxide to give a 16, 17-epoxide which is treated with Raney nickel in an organic solvent.*

68664. Pye Limited. Induction coupling devices. (19th August 1958). Accepted on 10th August 1960.  
*Provided with two similar fans for cooling by drawing air through the casing in opposite directions for the same direction of rotation of input and output shafts.*

68707. Union Carbide Corporation. Sintered agglomerated alloy addition agent and process for producing the same. Accepted on 6th August 1960.  
*Comprising essentially oxides and carbides of iron and chromium and free carbon.*

68788. Westinghouse Brake & Signal Company, Limited. Improvements relating to railway vehicle vacuum braking apparatus. (28th August 1958). Accepted on 5th August 1960.  
*Having atleast one brake cylinder and comprising a vacuum supply pipe, a self-lapping valve device and a pressure sensitive element associated with the valve device.*

68855. Bataafse Petroleum Maatschappij N. V. Process for the polymerization of conjugated dienes and catalysts therefor. Accepted on 9th August 1960.  
*Polymerising in presence of substantially liquid catalyst composition prepared by aging a solid low pressure catalyst in admixture with a hydrocarbon solvent.*

68899. Associated Textile Engineers. Improvements in or relating to interlocking saw-tooth wires for textile machines. Accepted on 5th August 1960.  
*The base is provided at one side with a recess and projection at the opposite side, the projection consisting of the free end of the base which is wound on the roller and is bent at right angles to the toothed portion of the wire.*

68928. Koppers Company, Inc. Improvements in or relating to method and apparatus for producing purified water from aqueous saline solutions. Accepted on 10th August 1960.  
*Introducing into a hydrate forming zone maintained at hydrate-forming conditions of temperature and pressure, a stream of aqueous salt solution, contacting this solution with a hydrate forming substance.*

69054. The British Oxygen Company Limited. Automatic arc-welding apparatus. (17th September 1958). Accepted on 9th August 1960.  
*Comprising means for effecting movement between welding head and the work, a light source associated with the welding head, photoelectric means responsive to light reflected off the work from the light source, means for controlling the commencement and termination of arc welding.*

69120. Automatic Telephone & Electric Company Limited. Improvements in or relating to processes for the deposition of a precious metal on metal objects. (24th September 1958). Accepted on 10th August 1960.  
*Bringing metal object into intimate contact during plating with a metal which in the electroless solution is electrochemically less noble than the metal object.*

69130. Shell Internationale Research Maatschappij N. V. Process for the polymerization of olefins and process for the preparation of catalysts and their carriers for use therein. Accepted on 9th August 1960.  
*Polymerising olefins by catalysts supported on weakly acid or non-acid carriers.*

69335. Best Products Limited. Improvements in or relating to thermally operated electric switches. Accepted on 10th August 1960.  
*Switch is housed within a casing and includes a contact which is adjustable from outside the casing.*

69396. American Cyanamid Company. Suture package. Accepted on 9th August 1960.  
*Comprising three concentric envelopes.*

69690. Council of Scientific and Industrial Research. Improvements in or relating to paints. Accepted on 10th August 1960.  
*Mica powder forms at least 10 per cent by weight of the anti corrosive of the pigment.*

71731. Glaxo Laboratories Limited. Pharmaceutical compositions containing steroid derivatives. [Divisional date 13th November 1958.] Accepted on 4th August 1960.  
*Comprising a steroid with a side chain at 17th OR  
C. atom, -CO-CH<sub>2</sub>-O R'-(wherein R is aliphatic, OH aromatic or phenacyl group) and a defined pharmaceutical carrier.*

72478. Glaxo Laboratories Limited. Vaccine. [Divisional date 4th November 1958.] Accepted on 4th August 1960.  
*Aqueous toxoided e-toxin preparation containing not less than 4000 flocculation equivalents of toxoid per milligram of protein nitrogen, not more than 0.025 mg. total protein nitrogen per millilitre of the preparation and not more than 0.25 mg. total nitrogen per millilitre of the preparation.*

#### Patents Sealed

64529. 64785. 64790. 64844. 64927. 64958. 65130. 65146. 65147. 65148. 65150. 65171. 65194. 65196. 65210. 65279. 65310. 65495. 65670. 65716. 65838. 65854. 65870. 65922. 66008. 66010. 66073. 66132. 66141. 66426. 66460. 66676. 66874. 66919. 66980. 67210. 67211. 67439. 67525. 67877. 69608. 70470.

#### Amendment Proceedings

(1)

The amendment proposed by Badische Anilin- & Soda-Fabrik Aktiengesellschaft in respect of Patent application No. 65109 as advertised in the Gazette of India, Part III, Section 2, dated the 30th April 1960 has been allowed.

(2)

Notice is hereby given under Section 17 of the Indian Patents & Designs Act, 1911, that N. V. De Bataafsche Petroleum Maatschappij now re-named Bataafse Petroleum Maatschappij N. V., a Netherlands Company, carrying on business as Manufacturers at 30, Carel Van Bylandtlaan, The Hague, The Netherlands, seek leave to amend the name of the applicant in the application and specification in respect of Patent application No. 65140. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17, the proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents & Designs Act, 1911, that N. V. De Bataafsche Petroleum Maatschappij now re-named Bataafse Petroleum Maatschappij N. V., a Netherlands Company, carrying on business as Manufacturers, at 30, Carel Van Bylandtlaan, The Hague, The Netherlands, seek leave to amend the

name of the Applicant in the application, specification and drawings in respect of Patent application No. 65266. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents & Designs Act, 1911, that N. V. De Bataafsche Petroleum Maatschappij now re-named Bataafse Petroleum Maatschappij N. V., a Netherlands Company, carrying on business as Manufacturers at 30, Carel Van Bylandtlaan, The Hague, The Netherlands, seek leave to amend the name of the Applicant in the application and specification in respect of Patent application No. 65267. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(5)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that N. V. De Bataafsche Petroleum Maatschappij now re-named Bataafse Petroleum Maatschappij N. V., a Netherlands Company, carrying on business as Manufacturers, at 30, Carel Van Bylandtlaan, The Hague, The Netherlands, seek leave to amend the name of the Applicant in the application and specification in respect of Patent Application No. 65161. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(6)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that N. V. De Bataafsche Petroleum Maatschappij, now re-named Bataafse Petroleum Maatschappij N. V., a Netherlands Company, carrying on business as Manufacturers, at 30, Carel Van Bylandtlaan, The Hague, The Netherlands, seek leave to amend the name of the Applicant in the application, specification and drawings in respect of Patent Application No. 65614. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(7)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that British Timken Limited, a Company registered under the laws of Great Britain, of 65, Cheston Road, Aston, Birmingham, 7, England, manufacturers, seek leave to amend the name, nationality and address of the Applicant in the application, specification and drawings in respect of Patent application No. 68100. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

**Renewal Fees Paid**

27648. 33168. 35328. 35354. 35355. 35423. 38034. 38050. 38055.  
38065. 38083. 38085. 38139. 38140. 38141. 38142. 38875. 39641.  
40236. 40429. 40441. 40584. 41740. 41784. 41855. 41883. 42071.  
42121. 42223. 42228. 42550. 43092. 43546. 43548. 43605. 43606.  
43650. 43669. 43693. 43701. 43939. 44095. 44212. 44215. 44697.  
45403. 45617. 45638. 45785. 45799. 45824. 45848. 45915. 45918.  
45919. 45929. 45933. 45943. 46175. 46294. 47599. 47840. 47940.  
48003. 48019. 48033. 48074. 48314. 49908. 49939. 49950. 50048.  
50070. 50118. 50169. 50324. 50352. 50490. 50500. 50548. 50573.  
50584. 50678. 51692. 52569. 52584. 52587. 52610. 52611. 52612.  
52613. 52614. 52687. 52695. 52696. 52703. 52714. 52755. 52779.  
52809. 52841. 52966. 53240. 53461. 53801. 55044. 55045. 55046.  
55182. 55230. 55233. 55283. 55284. 55315. 55325. 55503. 55530.  
55562. 55596. 55743. 55746. 55750. 56537. 57344. 58131. 58138.  
58199. 58250. 58263. 58292. 58332. 58372. 58409. 58410. 58411.  
58430. 58447. 58477. 58497. 58512. 58520. 58629. 58654. 58656.  
58726. 58728. 58731. 58753. 58767. 59076. 59804. 60451. 60539.  
60540. 61160. 61414. 61542. 61548. 61558. 61586. 61587. 61605.  
61629. 61666. 61705. 61706. 61724. 61754. 61837. 62202.

**RENEWAL FEES PAID in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.****Mysore Patents**

388/46-47

**Cessation of Patents**

27178. 34025. 34036. 34041. 42591. 44490. 44491. 44497. 46578.  
46586. 46600. 46608. 46615. 47385. 51144. 51154. 53620. 53624.  
53650. 56374. 56393. 56394. 56397. 56905.

**Restoration Proceedings**

Notice is hereby given that an application has been made under Section 16 of the Indian Patents & Designs Act, 1911, for the restoration of the following patent:—

No. 56192—Raghunath Govind Bhatawadekar, Srinivas Ramanujam and Abburi Ramamurthy

The patent ceased on the 30th December 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 4th June 1960. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents & Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 1st October 1960.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 13. Nos. 104728 to 104744. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, "Textile goods", May 16, 1960.

Class 13. Nos. 105151 to 105164. M/s. Jiya Jeerao Cotton Mills Ltd., Birlanagar (Gwalior), Indian Company, "Cloth", June 13, 1960.

Class 13. Nos. 104817 to 104840. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, "Textile goods", May 23, 1960.

Class 13. Nos. 104860 to 104869. 104871 to 104873. 104875 to 104882. The Shree Niwas Cotton Mills Ltd., an Indian Firm situated at Delisle Road, Bombay-13, "Cotton piecegoods", May 24, 1960.

Class 14. Nos. 104870 and 104874. The Shree Niwas Cotton Mills Ltd., an Indian Firm situated at Delisle Road, Bombay-13, "Cotton piecegoods", May 24, 1960.

Cancellation of the Registration of Designs

(1)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 102540 in the name of Rakhal Chandra Choudhury.

(2)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 103123 in the name of Harendra Chandra Dutta.

(3)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 103124 in the name of Rakhal Chandra Choudhury.

(4)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 103125 in the name of Rakhal Chandra Choudhury.

(5)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 103126 in the name of Rakhal Chandra Choudhury.

(6)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 103444 in the name of Rakhal Chandra Choudhury.

(7)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 103446 in the name of Rakhal Chandra Choudhury.

(8)

An application has been made by Shri Anil Kumar Dutta for cancellation of the registration of design No. 103447 in the name of Rakhal Chandra Choudhury.

S. VENKATESWARAN  
Controller General of Patents, Designs and  
Trade Marks